

### **REMARKS**

The specification was amended to correct minor clerical errors.

The correction of "parts by weight" to --% by weight-- on page 8, line 19 and page 11, first paragraph of the specification, is supported by the several recitations of "% by weight" in the first paragraph on page 11 of the specification (see page 11, lines 6 and 7 of the specification).

Claim 1 was amended to include the following feature: when the artificial bone model is cut, it is similar to a natural bone when cut. Support for this feature is found in the present specification on page 1, lines 7 to 11; page 4, lines 19 to 22; page 16, lines 2 to 4; page 17, lines 7 to 8; page 18, line 26 bridging to page 19, line 6 and page 20, lines 18 to 20.

Claim 1 was further amended to correct "30 to 90 parts by weight" to --30 to 90% by weight--. This correction is self-evident from, for example, page 11, lines 1 to 12 and line 4 in Example 1 on page 19, penultimate line, of the present specification.

In claim 1, the amount of an inorganic filler is expressed as "weight %", and the amount of inorganic filler recited in claim 1 is "10 to 70% by weight", which is supported on page 11 of the specification. Therefore, the amount of a powder material for sintering should be 30 to 90% by weight, being obtained by balancing the amount of the inorganic filler from 100% by weight.

Claim 6 was editorially revised.

Claim 7 was amended to correct a minor clerical error.

Claims 9 and 16 were amended so as to define more precisely the process for producing an artificial bone model of radiolucent areas in human bone (see page 16, lines 4 to 8 of specification).

No new subject matter was introduced.

New claim 19 is supported by page 17, lines 15 to 17 for tumor and page 16, line 25 for osteoporosis, of the present specification.

New claim 20 is supported by page 17, line 19 of the present specification.

New claim 21 is supported by page 16, lines 4 to 8 of the present specification.

New claim 22 is supported by page 16, lines 12 to 14 of the present specification.

New claim 23 is supported by page 17, line 25 bridging to page 18, line 4 of the present specification.

New claim 24 is supported by page 4, lines 1 to 4 of SUMMARY OF THE INVENTION (page 4, lines 19 to 21) of the present specification (real size); page 16, line 25 bridging to page 17, line 2 (magnified or reduced); page 17, lines 1 to 2 (mirror image); and page 16, lines 23 to 24 (reproduce density).

Claims 3 and 4 were rejected under 35 USC 112, second paragraph, as being indefinite for the reasons set forth at the top of page 2 of the Office Action.

Claims 3 and 4 were amended to avoid the 35 USC 112, second paragraph rejection.

The amendment to claim 3 is supported on page 17, lines 2 to 9 of the present specification.

The amendment to claim 4 is supported on page 17, lines 10 to 14 of the present specification.

It is respectfully submitted that the present claims comply with all the requirements of 35 USC 112.

Applicants are pleased to note that claims 1, 2 and 5 to 18 were allowed.

Applicants are also pleased to note that claims 3 and 4 are free of any prior art rejection, as indicated in the last full paragraph on page 2 of the Office Action.

Reconsideration is requested. Allowance is solicited.

Submitted concomitantly herewith is an INFORMATION DISCLOSURE STATEMENT, including Form PTO/SB/08A.

Enclosed is a check for \$100 (small entity) in payment of four additional total claims.

Appl. No. 10/726,305  
Reply to Office Action dated October 13, 2004

If the Examiner has any comments, questions, objections or recommendations, the Examiner is invited to telephone the undersigned at the telephone number given below for prompt action.

Respectfully submitted,



Richard S. Barth  
Reg. No. 28,180

Frishauf, Holtz, Goodman & Chick, P.C.  
767 Third Avenue - 25th Floor  
New York, New York 10017-2023  
Tel. No. (212) 319-4900  
Fax No. (212) 319-5101  
E-mail Address: BARTH@FHGC-LAW.COM  
RSB/ddf

Encs.: (1) INFORMATION DISCLOSURE STATEMENT  
(2) Check for \$100